

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hua Zhang et al.  
Title: Fabrication of sub-50 nm Solid-  
State Nanostructures Based on  
Nanolithography  
Appl. No.: Unassigned  
Filing Date: December 3, 2003  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility  
patent application of:

Hua Zhang  
Chicago, Illinois

Chad A. Mirkin  
Chicago, Illinois

Dana Weinberger  
Evanston, Illinois

Sunheun Hong  
Evanston, Illinois

Enclosed are:

[ X ] Specification, Claim(s), and Abstract (54 pages).

☒ Informal drawings (26 sheets, Figures  
1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26).

☒ Application Data Sheet (37 CFR 1.76).

The filing fee is calculated below:

	Claims as Filed		Included in Basic Fee		Extra Claims		Rate		Fee Totals
Basic Fee							\$770.00	=	\$770.00
Total	75	-	20	=	55	x	\$18.00	=	\$990.00
Claims:									
Independents	6	-	3	=	3	x	\$86.00	=	\$258.00
:									
If any Multiple Dependent Claim(s) present:					+		\$290.00	=	\$0.00
Surcharge under 37 CFR 1.16(e) for late filing of					+		\$130.00	=	\$130.00
Executed Declaration and late payment of filing fee									
							SUBTOTAL:	=	\$2148.00
<input type="checkbox"/>							Small Entity Fees Apply (subtract ½ of above):	=	\$0.00
							TOTAL FILING FEE:	=	\$2,148.00

☐ A check in the amount of \$0.00 to cover the filing fee is enclosed.

☒ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date 12/3/03

FOLEY & LARDNER

Customer Number: 22428

Telephone: (202) 672-5569

Facsimile: (202) 672-5399

By Stephen B. Maebius (40,153)

for

Stephen B. Maebius

Attorney for Applicant

Registration No. 35,264